



PATENT
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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TECHNOLOGY CENTER 2800

In re application of:

Charles J. JACOBUS et al.

Examiner: Tyrone W. Smith

Art Unit: 2837

Application No.: 09/638,485

Filed: August 14, 2000

For: FORCE FEEDBACK SYSTEM AND ACTUATOR
POWER MANAGEMENT

Assistant Commissioner for Patents
Washington, DC 20231

OK to
enter

SECOND PRELIMINARY AMENDMENT

Sir:

Please amend the above-identified application as follows:

In the Claims

03/17/2003 TIAVINS 00000002 000000 4063485

01 FC:1201 46. (Amended) A system comprising:

F'
a force-feedback actuator coupled to a manipulandum;
a position sensor coupled to said manipulandum;
a memory comprising a stored force feedback effect; and
a controller coupled to said force-feedback actuator, said position sensor, and said
memory, wherein said controller is operable to:

calculate a force feedback effect to contribute to output of said force feedback
actuator, wherein said force feedback effect comprises a force feedback effect type and a
magnitude.

Please amend claims 49-51 as follows:

03/10/2003 BABRAHA1 00000034 10638485

01 FC:1202 738.00 OP
02 FC:1201 84.00 OP